

CLAIMS

What is claimed is:

1. A system comprising:
a comparison system that compares one or more elements of
5 at least a portion of an original document against the same elements in at least a
portion each of a plurality of stored documents;
a determination system that identifies the stored document
with the portion which is closest to the portion of the original document based on
the comparing; and
10 a mutation system that applies one or mutators to the portion
of the original document which were used in the portion of the identified stored
document.
2. The system as set forth in claim 1 further comprising a
15 selection system that selects the portion of the original document for the
comparing.
3. The system as set forth in claim 1 wherein the determination
system further comprises a scoring system that generates a score for each of the
20 comparisons of the portion of the original document against each of the portions
of each of the plurality of stored documents, wherein the determination system
identifies the stored document with the portion with the score which is closest to
the portion of the original based on the generated scores.
- 25 4. The system as set forth in claim 1 further comprising an
ordering system that determines an order for the mutation system to apply the
mutators to the portion of the original document.
- 30 5. The system as set forth in claim 1 further comprising an
application system that determines which of the one or mutators which were used
in the portion of the identified stored document are to be used by the mutation
system on the original document.

6. The system as set forth in claim 1 further comprising an output system which outputs the original document after application of the mutators.

5

7. The system as set forth in claim 6 further comprising an identification system that identifies the output system wherein one of the elements used in the comparison system is the identified output system against an output system used for each of the stored documents and wherein the determination
10 system uses the comparison of the identified output system against an output system used for each of the stored documents in identifying the stored document with the portion which is closest to the portion of the original document.

8. The system as set forth in claim 1 further comprising storing
15 the output, original document with the applied mutators as one of the stored documents.

9. A method comprising:
comparing one or more elements of at least a portion of an
20 original document against the same elements in at least a portion each of a plurality of stored documents;
identifying the stored document with the portion which is closest to the portion of the original document based on the comparing; and
applying one or mutators to the portion of the original
25 document which were used in the portion of the identified stored document.

10. The method as set forth in claim 9 further comprising performing the comparing, the identifying, and the applying on one or more other portions of the original document.

30

11. The method as set forth in claim 9 further comprising selecting the portion of the original document for the comparing.

12. The method as set forth in claim 9 wherein the identifying further comprises:

generating a score for each of the comparisons of the portion of the original document against each of the portions of each of the plurality of stored documents; and

identifying the stored document with the portion with the score which is closest to the portion of the original based on the generated scores.

13. The method as set forth in claim 9 further comprising determining an order for the applying of the mutators to the portion of the original document.

14. The method as set forth in claim 9 wherein the applying further comprises determining which of the one or more mutators which were used in the portion of the identified stored document to use in the applying.

15. The method as set forth in claim 9 further comprising outputting the original document after application of the mutators.

16. The method as set forth in claim 9 further comprising identifying an output system on which the outputting of the original document with the applied mutators will occur wherein one of the elements in the comparing is the type of output system used in the outputting.

17. The method as set forth in claim 9 further comprising storing the output, original document with the applied mutators as one of the stored documents.

18. A computer readable medium having stored thereon instructions for dynamic document layout which when executed by a processor, causes the processor to perform steps comprising:

comparing one or more elements of at least a portion of an original document against the same elements in at least a portion each of a plurality of stored documents;

identifying the stored document with the portion which is
5 closest to the portion of the original document based on the comparing; and
applying one or more mutators to the portion of the original document which were used in the portion of the identified stored document.

19. The medium as set forth in claim 18 further comprising
10 performing the comparing, the identifying, and the applying on one or more other portions of the original document.

20. The medium as set forth in claim 18 further comprising
selecting the portion of the original document for the comparing.

15

21. The medium as set forth in claim 18 wherein the identifying further comprises:

generating a score for each of the comparisons of the portion
of the original document against each of the portions of each of the plurality of
20 stored documents; and

identifying the stored document with the portion with the
score which is closest to the portion of the original based on the generated scores.

22. The medium as set forth in claim 18 further comprising
25 determining an order for the applying of the mutators to the portion of the original document.

23. The medium as set forth in claim 18 wherein the applying
further comprises determining which of the one or more mutators which were
30 used in the portion of the identified stored document to use in the applying.

24. The medium as set forth in claim 18 further comprising
outputting the original document after application of the mutators.

25. The medium as set forth in claim 18 further comprising identifying an output system on which the outputting of the original document with the applied mutators will occur wherein one of the elements in the comparing is the type of output system used in the outputting.

5

26. The medium as set forth in claim 18 further comprising storing the output, original document with the applied mutators as one of the stored documents.